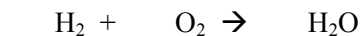


Mol-Mass/Mass-Mol Stoichiometry Worksheet #2

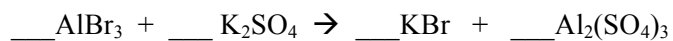
Balance the following reactions and then use them to answer the questions below.



1. If 12.0 *grams* of hydrogen react, how many *moles* of water will be produced?
2. How many grams of oxygen will be needed if 0.50 moles of water are produced?



3. When 13.0 g of KCl are produced, how many moles of oxygen are also yielded?
4. When 2.0 moles of KClO₃ decompose how many grams of KCl are made?



5. When 3.0 mol of AlBr₃ are used, how many grams of KBr are produce?
6. If 171 g of Al₂(SO₄)₃ are produced, how many moles of AlBr₃ were reacted?